



Titalon 6800GF-HT

RESIN : POLYPROPYLENE RESIN

PRODUCT DESCRIPTION : 40%GLASS FIBER, HIGH STRENGTH, HIGH HEAT
RESISTANCE.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm ³	ISO 1183	1.25~1.30
Melt Flow Index(MFI)	g/10 min	ISO 1133	4~8
Tensile strength Tensile Elongation	MPa	ISO 527-1,2	100~130 ≥2
Flexural strength Flexural modulus	MPa	ISO 178	140-180 8500~9500
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	≥11
Heat Deflection Temperature (HDT), 1.8MPa	°C	ISO 75-1,2	150
Volume resistivity Surface resistivity	Ω•cm Ω	IEC 60093	1×10 ¹⁴ 1×10 ¹⁴
Flammability	Class	UL 94	HB
Hardness	D	ISO 7619	80~90
Mold shrinkage	%	Titan method	0.4~0.8
MOLDING CONDITION	°C	Drying	80x 3hrs
		Melt Temperature	180~220
		Mold Temperature	30~80
	%	Inject. Pressure	30~60
		Inject. Velocity	20~50

*All property values shown in this data sheet are the representative values and not minimum value of this material.